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Amendments to the Claims

Claim 1 (currently amended). An isolated retroviral vector that is capable of transducing cells in a G_0 phase, wherein the vector comprises a SIVsmmPBj14 ~~virus~~ viral genome in which at least a portion of the SIVsmmPBj14 *env* gene is deleted to render the envelope protein encoded by the *env* gene ~~non-functional~~ non-expressible.

Claim 2 (previously presented). The retroviral vector according to claim 1, wherein the vector is further capable of transducing cells in a mitotic phase and/or a G_1 phase.

Claim 3 (canceled).

Claim 4 (previously presented). The retroviral vector according to claim 1, wherein the deletion in the SIVsmmPBj14 *env* gene is in the SU range.

Claim 5 (currently amended). The retroviral vector according to claim 1, wherein the vector is a ~~pseudotype~~ pseudotyped vector.

Claim 6 (currently amended). The retroviral vector according to claim 1, comprising ~~a part of or the entirety of~~ a gene capable of expressing an envelope protein of a virus other than SIVsmmPBj14.

Claim 7 (previously presented). The retroviral vector according to claim 6, wherein the virus is selected from the group consisting of HIV-1, SIVagm, SNV, MLV and VSV.

Claim 8 (previously presented). The retroviral vector according to claim 6, wherein the envelope protein is the G-protein of VSV.

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Claim 9 (currently amended). A method for making ~~pseudotype~~ pseudotyped vectors, comprising the steps of:

a) deleting a part of or the entire *env* gene of a SIVsmmPBj14 viral genome or a molecular clone of the viral genome to render the envelope protein encoded by the SIVsmmPBj14 *env* gene ~~non-functional~~ non-expressible; and

b) cotransfecting cells with the construct of a) and an expression construct ~~for~~ comprising the coding sequence of a non-SIVsmmPBj14 envelope protein.

Claim 10 (canceled).

Claim 11 (previously presented). The method according to claim 9, wherein the cells are 293T cells.

Claim 12 (previously presented). The method according to claim 9, wherein the non-SIVsmmPBj14 envelope protein is an envelope protein of a virus selected from the group consisting of HIV-1, SIVagm, SNV, MLV and VSV.

Claim 13 (previously presented). The method according to claim 9, wherein the non-SIVsmmPBj14 envelope protein is the G-protein of VSV.

Claim 14 (currently amended). A ~~pseudotype~~ pseudotyped vector made according to the method of claim 9.

Claim 15 (previously presented). A method for transducing cells in the G_0 phase comprising contacting the cells with a vector of claim 14.

Claims 16-17 (canceled).

Claim 18 (currently amended). An isolated lentiviral expression vector that is capable of transducing cells in a G_0 phase, the vector comprising a SIVsmmPBj1.9 ~~lentivirus~~

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lentiviral genome comprising an inactive SIVsmmPBj1.9 *env* gene that includes a deletion that renders the envelope protein encoded the SIVsmmPBj1.9 *env* gene non-expressible, and ~~an active~~ further comprising an expressible VSV-G *env* gene, such that the only envelope proteins [[of]] expressed by the vector are VSV-G envelope proteins.

Claim 19 (currently amended). The isolated lentiviral expression vector of claim 18 wherein the ~~inactive~~ SIVsmmPBj1.9 *env* gene comprises a deletion in the SU region ~~thereof~~ of the SIVsmmPBj1.9 *env* gene.